Modification history

| Release | Comments |
| --- | --- |
| Release 1 | This version released with the ACM Animal Care and Management Training Package Version 1.0. |

| ACMGAS307 | Identify animal anatomy and physiology for animal care work |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to identify animal anatomy and physiological functions of animals. It incorporates knowledge of animal classification, animal body systems, physiological functions and external anatomical features of animals to recognise normal health.The unit applies to individuals who work primarily with mammals, but also birds and reptiles, in animal care environments.No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | General Animal Studies (GAS) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Classify animals | 1.1 Classify animals using industry terminology1.2 Identify and describe the differences between different animal groups |
| 2. Identify anatomy and physiology of mammals | 2.1 Identify and describe the external anatomical features of mammals2.2 Identify and describe the body systems of mammals2.3 Describe the physiological functions of the body systems of mammals |
| 3. Identify comparative anatomy and physiology | 3.1 Identify and describe the external anatomical features of birds and reptiles3.2 Identify and describe the body systems of birds and reptiles 3.3 Describe the physiological functions of the body systems of birds and reptiles |

| Foundation SkillsThis section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. |
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| Skill | Description |
| Oral communication | * Use appropriate industry terminology to describe animal anatomy and physiology
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| Unit Mapping Information |
| --- |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| ACMGAS307 Identify animal anatomy and physiology for animal care work | Not applicable | New unit | No equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103 |

| TITLE | Assessment requirements ACMGAS307 Identify animal anatomy and physiology for animal care work |
| --- | --- |
| Performance Evidence |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.There must be evidence that the individual has:classified animals from a minimum of two different speciesidentified the anatomical features, body systems and physiological functions of organs of:three different mammalsone bird and one reptile. |

| Knowledge Evidence |
| --- |
| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:terminology relevant for classifying animalsstructure and function of body systems of mammals, including:* muscular system
* skeletal system
* digestive system
* cardiovascular system
* respiratory system
* urinary system
* nervous system
* sensory system
* reproductive system
* endocrine system
* integumentary system
* lymphatic/immune system

structure and function of comparative body systemsexternal anatomical features of different animalsherbivores and carnivoresmonotremes and marsupials. |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions:* resources, equipment and materials:

model animals, skeletons, 2D or 3D graphics of animals, or real animalsaccess to animal anatomy and physiology reference material.Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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